CLAIMS

1. A multipurpose semiconductor integrated circuit device comprising:

a plurality of types of input/output interfaces;

a memory including a file storage region for storing a script file defining processes relating to data inputted and/or outputted though the plurality of types of input/output interfaces using a script language;

an interpreter capable of executing the script file; and

a file management system that admits accessing the file storage region of the memory through at least one of the plurality of types of input/output interfaces.

2. The multipurpose semiconductor integrated circuit device according to Claim 1,

wherein one out of the plurality of types of input/output interfaces is a network interface that is accessed based on an address on a computer network and supports at least one network protocol that is valid for the computer network,

another one out of the plurality of types of input/output interfaces is a serial interface that supports serial input/outputs, and

the multipurpose semiconductor integrated circuit device further comprises a transfer means for transferring data between the network interface and the serial interface.

3. The multipurpose semiconductor integrated circuit device according to Claim 1, wherein a plurality of script files are stored in the file storage region and the multipurpose semiconductor integrated circuit device further comprises a program management system that monitors occurrences of events, selects

one out of the plurality of script files that is associated with an event that has occurred, and has a selected script file executed by the interpreter.

4.   The multipurpose semiconductor integrated circuit device according to Claim 3,

wherein one out of the plurality of types of input/output interfaces is a network interface that admits accessing a computer network,

the multipurpose semiconductor integrated circuit device further comprises a web server system that supplies at least one web output file stored in the file storage region via the network interface in accordance with HTTP protocol, and

the web server system supports CGI and/or SSI and the program management system selects a script file designated using CGI and/or SSI.

5.   The multipurpose semiconductor integrated circuit device according to Claim 4,

wherein the script file includes a script for executing a process that obtains information from at least one out of the plurality of types of input/output interfaces and outputs the obtained information as at least part of the web output file.

6.   The multipurpose semiconductor integrated circuit device according to Claim 3,

wherein one out of the plurality of types of input/output interfaces is a PC interface for connecting to a computer terminal, and the file management system admits the computer terminal to access the file storage region as a mass storage class via the PC interface.

7. The multipurpose semiconductor integrated circuit device according to Claim 3,

wherein one out of the plurality of types of input/output interfaces is a network interface that admits accessing a computer network,

the multipurpose semiconductor integrated circuit device further comprises a timer function and an SNTP client function for obtaining time information via the network interface and synchronizing the timer function, and

the program management system selects one out of the plurality of script files based on time information of the timer function.

8. A device server comprising a multipurpose semiconductor integrated circuit device according to Claim 1, and

a connector connected to one out of the plurality of types of input/output interfaces.

9. A device comprising:

a multipurpose semiconductor integrated circuit device according to Claim 1;

a target device connected to one out of the plurality of types of input/output interfaces; and

a connector connected to another one out of the plurality of types of input/output interfaces.